

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: James H. Ma  
Assignee: Sun Microsystems, Inc.  
Title: Method and Apparatus For Implementing Low Latency Crossbar  
Switches With Integrated Storage  
Serial No.: Unknown Filing Date: Herewith  
Examiner: Unknown Group Art Unit: Unknown  
Docket No.: P4785

April 20, 2001

BOX PATENT APPLICATION  
COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D. C. 20231

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR § 1.97(b)**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying PTO Form-1449 are called to the attention of the Examiner for the above patent application. A copy of these documents are enclosed.

Citation of these documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described above; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

"Express Mail" mailing Label No.:

**EL224378490US**

DATE OF DEPOSIT: April 20, 2001

Respectfully submitted,

*Richard J. Hutton* (39756)  
for  
Bernice B. Chen  
Attorney for Applicants  
Reg. No. 42,403

RS

#  
2

JC885 U.S. PTO  
09/839897



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	Unknown
Filing Date	Herewith
First Named Inventor	James H. Ma
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	P4785

Sheet 1 of 1

JC885 U.S. PRO  
09/839897  
04/20/01

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		4,985,830		Atac et al.	January 15, 1991	
		5,261,059		Hedberg et al.	November 9, 1993	
		5,189,665		Niehaus et al.	February 23, 1993	
		4,807,183		Kung et al.	February 21, 1989	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup> Un	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	Date Considered
-----------------------	--------------------

(1449B/PTO Modified)

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.